

## State Proficiency Performance Summary

State: INDIANA

Grade: 3

**Purpose**  
This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	3740 Students Pass + in E/la and Math 5%	5023 Students Pass in E/la and Pass + in Math 6%	71 Students Did Not Pass in E/la and Pass + in Math 0%	6 Students Undetermined in E/la and Pass + in Math 0%	8840 Students Pass + in Math 11%
Mathematics Pass	5183 Students Pass + in E/la and Pass in Math 7%	35249 Students Pass in E/la and Math 45%	5270 Students Did Not Pass in E/la and Pass in Math 7%	82 Students Undetermined in E/la and Pass in Math 0%	45784 Students Pass in Math 59%
Mathematics Did Not Pass	93 Students Pass + in E/la and Did Not Pass in Math 0%	9374 Students Pass in E/la and Did Not Pass in Math 12%	13455 Students Did Not Pass in E/la and Math 17%	202 Students Undetermined in E/la and Did Not Pass in Math 0%	23124 Students Did Not Pass in Math 30%
Mathematics Undetermined	16 Students Pass + in E/la and Undetermined in Math 0%	114 Students Pass in E/la and Undetermined in Math 0%	47 Students Did Not Pass in E/la and Undetermined in Math 0%	79 Students Undetermined in E/la and Math 0%	256 Students Undetermined in Math 0%
English/ language arts TOTALS	9032 Students Pass + in E/la 12%	49760 Students Pass in E/la 64%	18843 Students Did Not Pass in E/la 24%	369 Students Undetermined in E/la 0%	Summary of Student Counts  Total Grade Count 78004 Students with Complete Tests 77458 Students with Undetermined Scores E/la Only 290 Math Only 177 Both 79

Summary of Scores	E/la		English/language arts			Mathematics		
			Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass
Mean Scale Score	442.1	420.5	MSS: 553.8	MSS: 451.5	MSS: 363.8	MSS: 524.7	MSS: 437.7	MSS: 346.8
Pass Cut Score	404	393	SD: 43.1	SD: 28.1	SD: 38.2	SD: 33.1	SD: 26.3	SD: 43.9
Pass + Cut Score	510	491	L/H Obt: 510-690	L/H Obt: 404-509	L/H Obt: 100-403	L/H/Obt: 491-620	L/H/Obt: 393-490	L/H/Obt: 100-392
Standard Deviation	63.8	64.2	L/H Range: 510-690	L/H Range: 404-509	L/H Range: 100-403	L/H Range: 491-620	L/H Range: 393-490	L/H Range: 100-392
Lowest/Highest Scale Score Obtained	100-690	100-620	9032 Students	49760 Students	18843 Students	8840 Students	45784 Students	23124 Students
Lowest/Highest Scale Score Possible	100-690	100-620	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass

MSS: Mean Scale Score      SD: Standard Deviation      L/H Obt: Lowest/Highest Scale Score Obtained      L/H Range: Lowest/Highest Scale Score Range of Proficiency Level  
Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

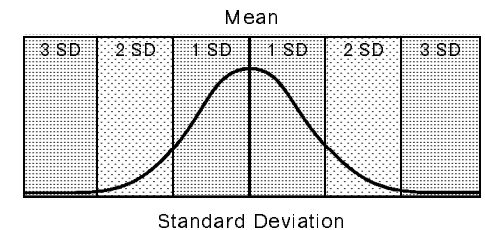
### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



## State Proficiency Performance Summary

State: INDIANA

Grade: 4

**Purpose**  
This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	4319 Students Pass + in E/la and Math 6%	8260 Students Pass in E/la and Pass + in Math 11%	104 Students Did Not Pass in E/la and Pass + in Math 0%	54 Students Undetermined in E/la and Pass + in Math 0%	12737 Students Pass + in Math 16%
Mathematics Pass	2471 Students Pass + in E/la and Pass in Math 3%	36039 Students Pass in E/la and Math 46%	6793 Students Did Not Pass in E/la and Pass in Math 9%	101 Students Undetermined in E/la and Pass in Math 0%	45404 Students Pass in Math 59%
Mathematics Did Not Pass	11 Students Pass + in E/la and Did Not Pass in Math 0%	6034 Students Pass in E/la and Did Not Pass in Math 8%	12978 Students Did Not Pass in E/la and Math 17%	160 Students Undetermined in E/la and Did Not Pass in Math 0%	19183 Students Did Not Pass in Math 25%
Mathematics Undetermined	3 Students Pass + in E/la and Undetermined in Math 0%	45 Students Pass in E/la and Undetermined in Math 0%	69 Students Did Not Pass in E/la and Undetermined in Math 0%	111 Students Undetermined in E/la and Math 0%	228 Students Undetermined in Math 0%
English/ language arts TOTALS	6804 Students Pass + in E/la 9%	50378 Students Pass in E/la 65%	19944 Students Did Not Pass in E/la 26%	426 Students Undetermined in E/la 1%	Summary of Student Counts  Total Grade Count 77552 Students with Complete Tests 77009 Students with Undetermined Scores E/la Only 315 Math Only 117 Both 111

Summary of Scores	E/la	Math	English/language arts			Mathematics		
			Pass+	Pass	Did Not Pass	Pass+	Pass	Did Not Pass
Mean Scale Score	460.3	451.7	MSS: 556.8	MSS: 475.7	MSS: 388.5	MSS: 542.5	MSS: 460.6	MSS: 370.3
Pass Cut Score	429	415	SD: 24.1	SD: 27.5	SD: 38.5	SD: 31.2	SD: 26.2	SD: 46.1
Pass+ Cut Score	532	510	L/H Obt: 532-700	L/H Obt: 429-531	L/H Obt: 110-428	L/H/Obt: 510-670	L/H/Obt: 415-509	L/H/Obt: 140-414
Standard Deviation	56.9	64.3	L/H Range: 532-700	L/H Range: 429-531	L/H Range: 110-428	L/H Range: 510-670	L/H Range: 415-509	L/H Range: 140-414
Lowest/Highest Scale Score Obtained	110-700	140-670	6804 Students	50378 Students	19944 Students	12737 Students	45404 Students	19183 Students
Lowest/Highest Scale Score Possible	110-700	140-670	Pass+	Pass	Did Not Pass	Pass+	Pass	Did Not Pass

MSS: Mean Scale Score      SD: Standard Deviation      L/H Obt: Lowest/Highest Scale Score Obtained      L/H Range: Lowest/Highest Scale Score Range of Proficiency Level  
Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

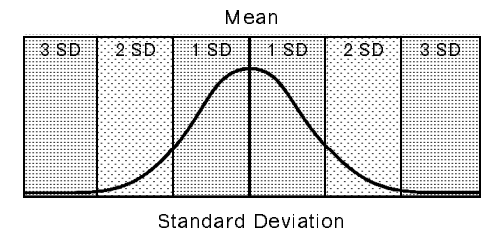
### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



## State Proficiency Performance Summary

State: INDIANA

Grade: 5

**Purpose**  
This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	4598 Students Pass + in E/la and Math 6%	9365 Students Pass in E/la and Pass + in Math 12%	121 Students Did Not Pass in E/la and Pass + in Math 0%	36 Students Undetermined in E/la and Pass + in Math 0%	14120 Students Pass + in Math 18%
Mathematics Pass	1829 Students Pass + in E/la and Pass in Math 2%	36261 Students Pass in E/la and Math 47%	7230 Students Did Not Pass in E/la and Pass in Math 9%	136 Students Undetermined in E/la and Pass in Math 0%	45456 Students Pass in Math 59%
Mathematics Did Not Pass	11 Students Pass + in E/la and Did Not Pass in Math 0%	5836 Students Pass in E/la and Did Not Pass in Math 8%	11807 Students Did Not Pass in E/la and Math 15%	221 Students Undetermined in E/la and Did Not Pass in Math 0%	17875 Students Did Not Pass in Math 23%
Mathematics Undetermined	4 Students Pass + in E/la and Undetermined in Math 0%	65 Students Pass in E/la and Undetermined in Math 0%	69 Students Did Not Pass in E/la and Undetermined in Math 0%	104 Students Undetermined in E/la and Math 0%	242 Students Undetermined in Math 0%
English/ language arts TOTALS	6442 Students Pass + in E/la 8%	51527 Students Pass in E/la 66%	19227 Students Did Not Pass in E/la 25%	497 Students Undetermined in E/la 1%	Summary of Student Counts  Total Grade Count 77693 Students with Complete Tests 77058 Students with Undetermined Scores E/la Only 393 Math Only 138 Both 104

Summary of Scores	E/la	Math	English/language arts			Mathematics		
			Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass
Mean Scale Score	479.4	468.6	MSS: 575.8	MSS: 496.0	MSS: 402.6	MSS: 556.9	MSS: 475.2	MSS: 382.1
Pass Cut Score	447	428	SD: 22.1	SD: 28.1	SD: 42.1	SD: 31.4	SD: 28.1	SD: 47.2
Pass + Cut Score	553	524	L/H Obt: 553-720	L/H Obt: 447-552	L/H Obt: 120-446	L/H/Obt: 524-720	L/H/Obt: 428-523	L/H/Obt: 180-427
Standard Deviation	58.6	65.3	L/H Range: 553-720	L/H Range: 447-552	L/H Range: 120-446	L/H Range: 524-720	L/H Range: 428-523	L/H Range: 180-427
Lowest/Highest Scale Score Obtained	120-720	180-720	6442 Students	51527 Students	19227 Students	14120 Students	45456 Students	17875 Students
Lowest/Highest Scale Score Possible	120-720	180-720	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass

MSS: Mean Scale Score      SD: Standard Deviation      L/H Obt: Lowest/Highest Scale Score Obtained      L/H Range: Lowest/Highest Scale Score Range of Proficiency Level  
Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts, mathematics, and science (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass + Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.

Pass Meets the passing standard.

Did Not Pass Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts, mathematics and science. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

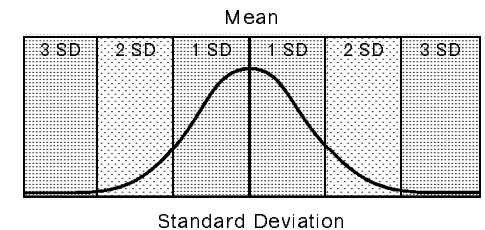
### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



ISTEP+  
INDIANA STATEWIDE TESTING  
FOR EDUCATIONAL PROGRESS

State Proficiency  
Performance Summary

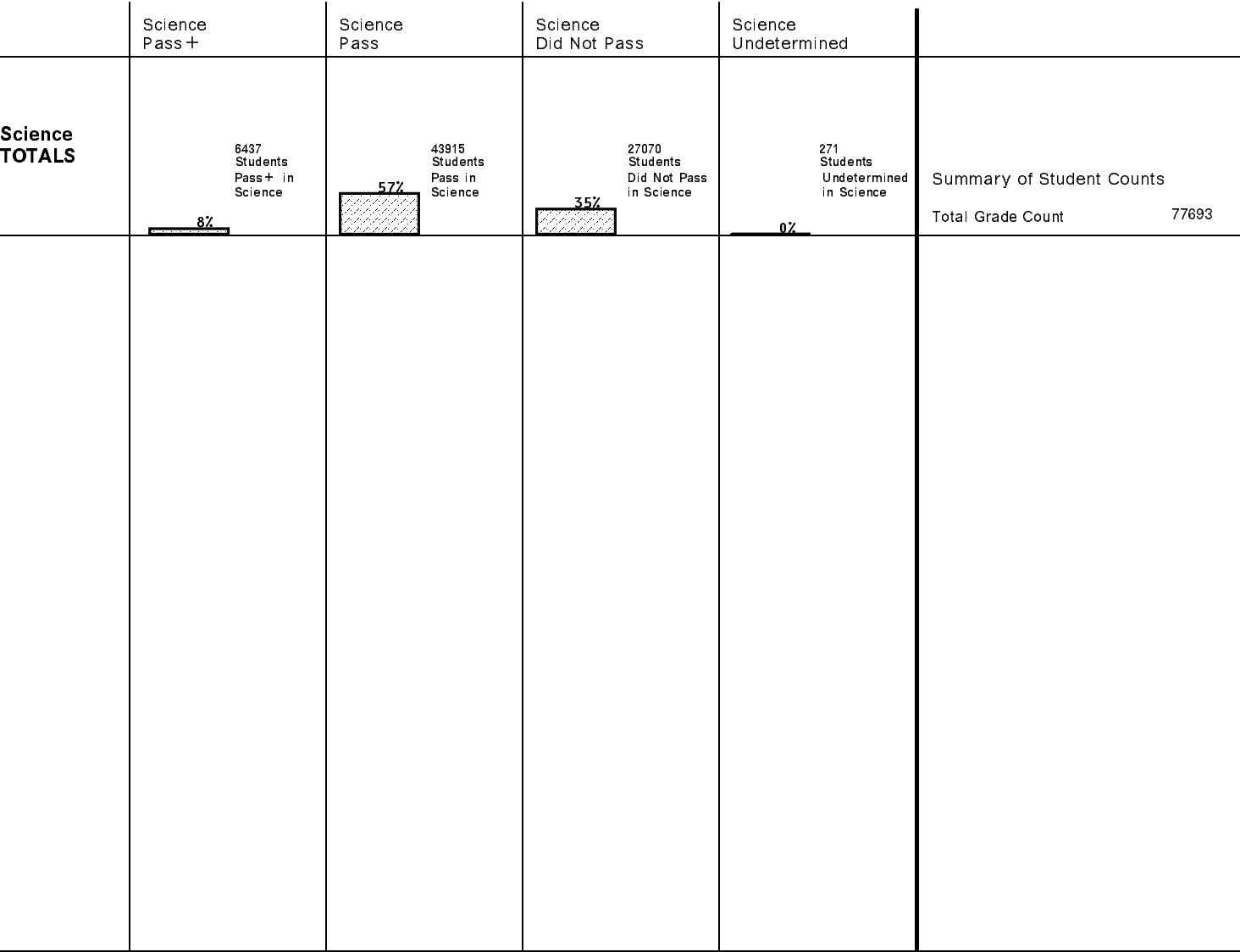
State: INDIANA

Grade: 5

**Purpose**  
This report provides the number and percent of students in each performance category.



Test Date: 09/18/07



Summary of Scores		Science					
		Pass +	Pass	Did Not Pass			
Mean Scale Score	496.6	MSS: 597.4	MSS: 519.1	MSS: 436.3			
Pass Cut Score	479	SD: 27.5	SD: 24.6	SD: 38.6			
Pass + Cut Score	571	L/H Obt: 571-780	L/H Obt: 479-570	L/H Obt: 280-478			
Standard Deviation	57.7	L/H Range: 571-780	L/H Range: 479-570	L/H Range: 280-478			
Lowest/Highest Scale Score Obtained	280-780	6437 Students	43915 Students	27070 Students			
Lowest/Highest Scale Score Possible	280-780	Pass +	Pass	Did Not Pass			

MSS: Mean Scale ScoreSD: Standard DeviationL/H Obt: Lowest/Highest Scale Score ObtainedL/H Range: Lowest/Highest Scale Score Range of Proficiency Level

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts, mathematics, and science (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass + Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.

Pass Meets the passing standard.

Did Not Pass Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts, mathematics and science. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

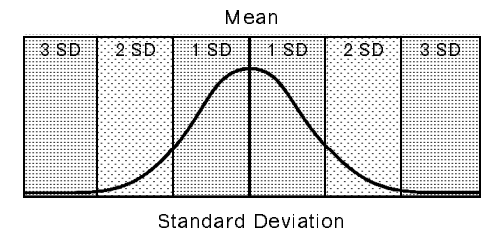
### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.





## State Proficiency Performance Summary

State: INDIANA

Grade: 6

**Purpose**  
This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	3878 Students Pass + in E/la and Math 5%	12605 Students Pass in E/la and Pass + in Math 16%	235 Students Did Not Pass in E/la and Pass + in Math 0%	20 Students Undetermined in E/la and Pass + in Math 0%	16738 Students Pass + in Math 21%
Mathematics Pass	1150 Students Pass + in E/la and Pass in Math 1%	35691 Students Pass in E/la and Math 45%	9996 Students Did Not Pass in E/la and Pass in Math 13%	90 Students Undetermined in E/la and Pass in Math 0%	46927 Students Pass in Math 59%
Mathematics Did Not Pass	6 Students Pass + in E/la and Did Not Pass in Math 0%	3444 Students Pass in E/la and Did Not Pass in Math 4%	11786 Students Did Not Pass in E/la and Math 15%	217 Students Undetermined in E/la and Did Not Pass in Math 0%	15453 Students Did Not Pass in Math 19%
Mathematics Undetermined	1 Student Pass + in E/la and Undetermined in Math 0%	111 Students Pass in E/la and Undetermined in Math 0%	89 Students Did Not Pass in E/la and Undetermined in Math 0%	102 Students Undetermined in E/la and Math 0%	303 Students Undetermined in Math 0%
English/ language arts TOTALS	5035 Students Pass + in E/la 6%	51851 Students Pass in E/la 65%	22106 Students Did Not Pass in E/la 28%	429 Students Undetermined in E/la 1%	Summary of Student Counts  Total Grade Count 79421 Students with Complete Tests 78791 Students with Undetermined Scores E/la Only 327 Math Only 201 Both 102

Summary of Scores	E/la		English/language arts			Mathematics		
			Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass
Mean Scale Score	497.2	511.5	MSS: 593.3	MSS: 514.5	MSS: 435.0	MSS: 591.2	MSS: 512.3	MSS: 422.8
Pass Cut Score	472	484	SD: 24.0	SD: 25.4	SD: 32.9	SD: 29.2	SD: 28.0	SD: 41.9
Pass + Cut Score	570	559	L/H Obt: 570-740	L/H Obt: 472-569	L/H Obt: 135-471	L/H/Obt: 559-760	L/H/Obt: 464-558	L/H/Obt: 220-463
Standard Deviation	51.3	61.7	L/H Range: 570-740	L/H Range: 472-569	L/H Range: 135-471	L/H Range: 559-760	L/H Range: 464-558	L/H Range: 220-463
Lowest/Highest Scale Score Obtained	135-740	220-760	5035 Students	51851 Students	22106 Students	16738 Students	46927 Students	15453 Students
Lowest/Highest Scale Score Possible	135-740	220-760	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass

MSS: Mean Scale Score      SD: Standard Deviation      L/H Obt: Lowest/Highest Scale Score Obtained      L/H Range: Lowest/Highest Scale Score Range of Proficiency Level  
Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

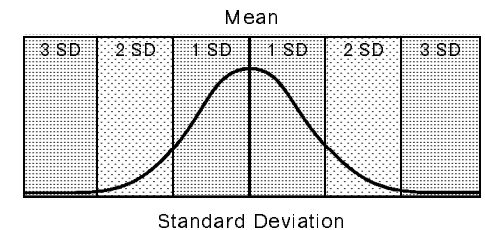
### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



## State Proficiency Performance Summary

State: INDIANA

Grade: 7

**Purpose**  
This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	5376 Students Pass + in E/la and Math 7%	8961 Students Pass in E/la and Pass + in Math 11%	201 Students Did Not Pass in E/la and Pass + in Math 0%	33 Students Undetermined in E/la and Pass + in Math 0%	14571 Students Pass + in Math 18%
Mathematics Pass	2517 Students Pass + in E/la and Pass in Math 3%	35402 Students Pass in E/la and Math 44%	10466 Students Did Not Pass in E/la and Pass in Math 13%	161 Students Undetermined in E/la and Pass in Math 0%	48546 Students Pass in Math 61%
Mathematics Did Not Pass	14 Students Pass + in E/la and Did Not Pass in Math 0%	3856 Students Pass in E/la and Did Not Pass in Math 5%	12571 Students Did Not Pass in E/la and Math 16%	268 Students Undetermined in E/la and Did Not Pass in Math 0%	16709 Students Did Not Pass in Math 21%
Mathematics Undetermined	5 Students Pass + in E/la and Undetermined in Math 0%	73 Students Pass in E/la and Undetermined in Math 0%	143 Students Did Not Pass in E/la and Undetermined in Math 0%	179 Students Undetermined in E/la and Math 0%	400 Students Undetermined in Math 0%
English/ language arts TOTALS	7912 Students Pass + in E/la 10%	48292 Students Pass in E/la 60%	23381 Students Did Not Pass in E/la 29%	641 Students Undetermined in E/la 1%	Summary of Student Counts  Total Grade Count 80226 Students with Complete Tests 79364 Students with Undetermined Scores E/la Only 462 Math Only 221 Both 179

Summary of Scores	E/la		English/language arts			Mathematics		
			Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass
Mean Scale Score	527.7	526.6	MSS: 642.7	MSS: 547.2	MSS: 448.5	MSS: 619.3	MSS: 532.4	MSS: 428.8
Pass Cut Score	497	480	SD: 30.8	SD: 30.2	SD: 44.8	SD: 32.5	SD: 28.7	SD: 53.1
Pass + Cut Score	610	585	L/H Obt: 610-750	L/H Obt: 497-609	L/H Obt: 155-496	L/H/Obt: 585-820	L/H/Obt: 480-584	L/H/Obt: 240-479
Standard Deviation	68.0	69.8	L/H Range: 610-750	L/H Range: 497-609	L/H Range: 155-496	L/H Range: 585-820	L/H Range: 480-584	L/H Range: 240-479
Lowest/Highest Scale Score Obtained	155-750	240-820	7912 Students	48292 Students	23381 Students	14571 Students	48546 Students	16709 Students
Lowest/Highest Scale Score Possible	155-750	240-820	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass

MSS: Mean Scale Score      SD: Standard Deviation      L/H Obt: Lowest/Highest Scale Score Obtained      L/H Range: Lowest/Highest Scale Score Range of Proficiency Level  
Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts, mathematics, and science (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass + Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.

Pass Meets the passing standard.

Did Not Pass Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts, mathematics and science. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

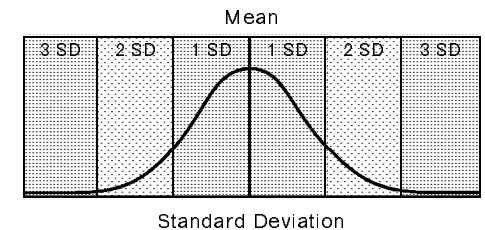
### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



ISTEP+  
INDIANA STATEWIDE TESTING  
FOR EDUCATIONAL PROGRESS

State Proficiency  
Performance Summary

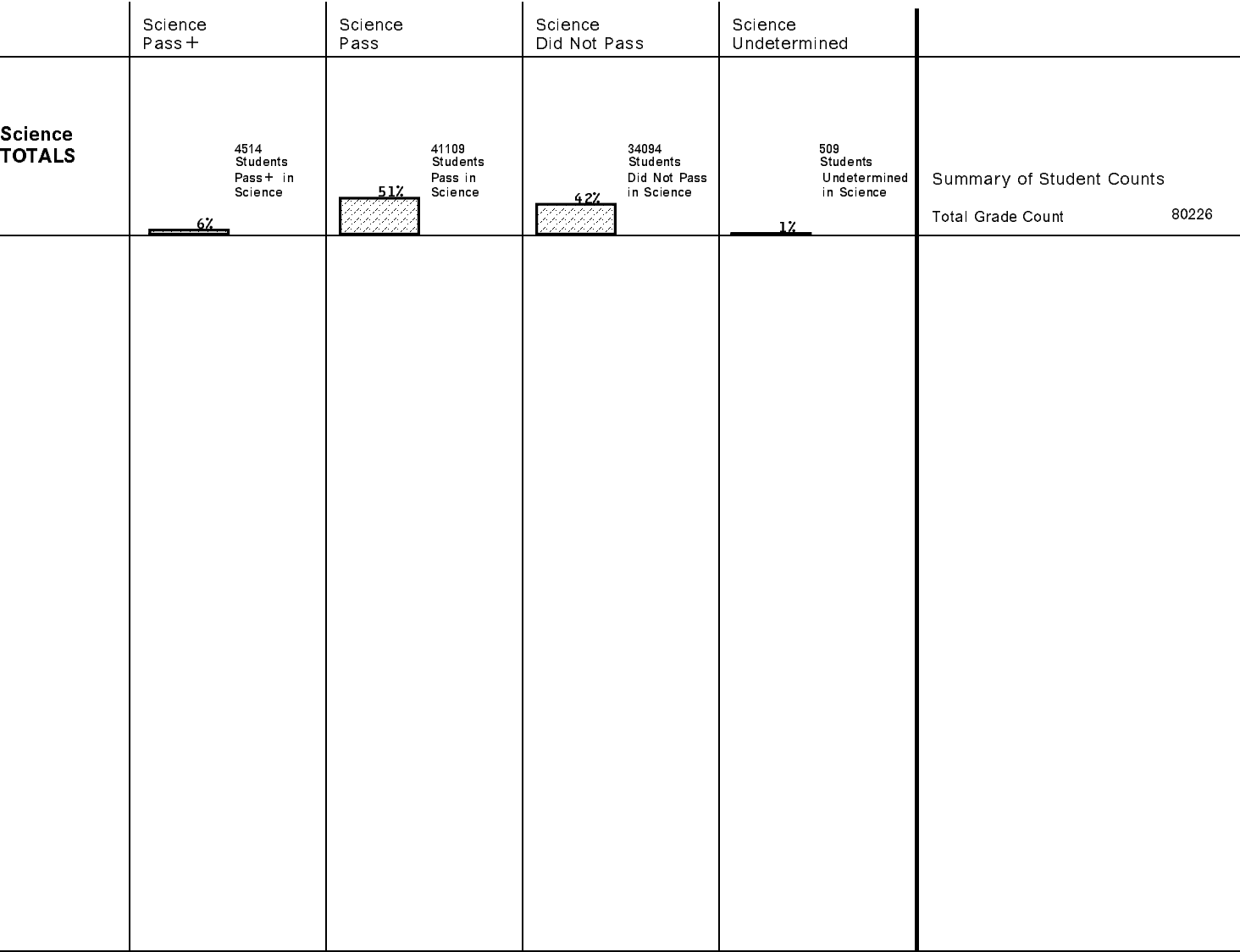
State: INDIANA

Grade: 7

**Purpose**  
This report provides the number and percent of students in each performance category.



Test Date: 09/18/07



Summary of Scores		Science					
		Pass +	Pass	Did Not Pass			
Mean Scale Score	493.1	MSS: 602.3	MSS: 528.1	MSS: 436.4			
Pass Cut Score	490	SD: 22.1	SD: 24.2	SD: 54.6			
Pass + Cut Score	581	L/H Obt: 581-800	L/H Obt: 490-580	L/H Obt: 180-489			
Standard Deviation	65.5	L/H Range: 581-800	L/H Range: 490-580	L/H Range: 180-489			
Lowest/Highest Scale Score Obtained	180-800	4514 Students	41109 Students	34094 Students			
Lowest/Highest Scale Score Possible	180-800	Pass +	Pass	Did Not Pass			

MSS: Mean Scale Score      SD: Standard Deviation      L/H Obt: Lowest/Highest Scale Score Obtained      L/H Range: Lowest/Highest Scale Score Range of Proficiency Level  
Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts, mathematics, and science (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass + Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.

Pass Meets the passing standard.

Did Not Pass Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts, mathematics and science. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

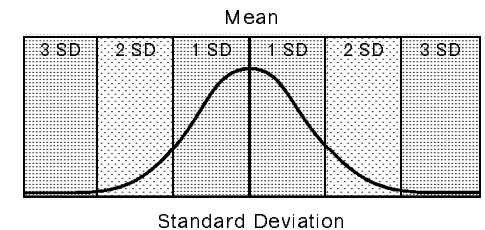
### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



State Proficiency

Performance Summary

State: INDIANA

Grade: 8

Purpose

This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	4247 Students Pass + in E/la and Math 5%	9898 Students Pass in E/la and Pass + in Math 12%	173 Students Did Not Pass in E/la and Pass + in Math 0%	20 Students Undetermined in E/la and Pass + in Math 0%	14338 Students Pass + in Math 18%
Mathematics Pass	1509 Students Pass + in E/la and Pass in Math 2%	34071 Students Pass in E/la and Math 43%	8804 Students Did Not Pass in E/la and Pass in Math 11%	132 Students Undetermined in E/la and Pass in Math 0%	44516 Students Pass in Math 56%
Mathematics Did Not Pass	7 Students Pass + in E/la and Did Not Pass in Math 0%	5144 Students Pass in E/la and Did Not Pass in Math 6%	14939 Students Did Not Pass in E/la and Math 19%	345 Students Undetermined in E/la and Did Not Pass in Math 0%	20435 Students Did Not Pass in Math 26%
Mathematics Undetermined	4 Students Pass + in E/la and Undetermined in Math 0%	94 Students Pass in E/la and Undetermined in Math 0%	169 Students Did Not Pass in E/la and Undetermined in Math 0%	206 Students Undetermined in E/la and Math 0%	473 Students Undetermined in Math 1%
English/ language arts TOTALS	5767 Students Pass + in E/la 7%	49207 Students Pass in E/la 62%	24085 Students Did Not Pass in E/la 30%	703 Students Undetermined in E/la 1%	Summary of Student Counts  Total Grade Count 79762 Students with Complete Tests 78792 Students with Undetermined Scores E/la Only 497 Math Only 267 Both 206

Summary of Scores	E/la	Math	English/language arts			Mathematics		
			Pass+	Pass	Did Not Pass	Pass+	Pass	Did Not Pass
Mean Scale Score	538.3	560.5	MSS: 637.3	MSS: 555.5	MSS: 479.3	MSS: 671.4	MSS: 570.5	MSS: 481.1
Pass Cut Score	516	517	SD: 25.9	SD: 24.8	SD: 34.2	SD: 39.1	SD: 30.7	SD: 54.2
Pass+ Cut Score	611	629	L/H Obt: 611-770	L/H Obt: 516-610	L/H Obt: 175-515	L/H/Obt: 629-870	L/H/Obt: 517-628	L/H/Obt: 260-516
Standard Deviation	52.4	79.9	L/H Range: 611-770	L/H Range: 516-610	L/H Range: 175-515	L/H Range: 629-870	L/H Range: 517-628	L/H Range: 260-516
Lowest/Highest Scale Score Obtained	175-770	260-870	5767 Students	49207 Students	24085 Students	14338 Students	44516 Students	20435 Students
Lowest/Highest Scale Score Possible	175-770	260-870	Pass+	Pass	Did Not Pass	Pass+	Pass	Did Not Pass

MSS: Mean Scale Score

SD: Standard Deviation

L/H Obt: Lowest/Highest Scale Score Obtained

L/H Range: Lowest/Highest Scale Score Range of Proficiency Level

Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

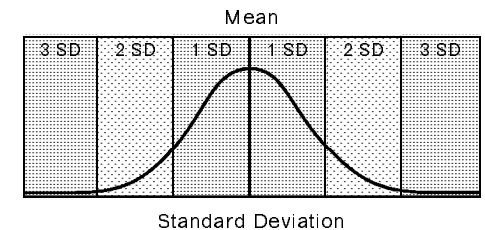
### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.





## State Proficiency Performance Summary

State: INDIANA

Grade: 9

**Purpose**  
This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	3726 Students Pass + in E/la and Math 5%	8956 Students Pass in E/la and Pass + in Math 11%	88 Students Did Not Pass in E/la and Pass + in Math 0%	30 Students Undetermined in E/la and Pass + in Math 0%	12800 Students Pass + in Math 16%
Mathematics Pass	1219 Students Pass + in E/la and Pass in Math 1%	34383 Students Pass in E/la and Math 42%	8182 Students Did Not Pass in E/la and Pass in Math 10%	278 Students Undetermined in E/la and Pass in Math 0%	44062 Students Pass in Math 54%
Mathematics Did Not Pass	5 Students Pass + in E/la and Did Not Pass in Math 0%	5355 Students Pass in E/la and Did Not Pass in Math 7%	17042 Students Did Not Pass in E/la and Math 21%	675 Students Undetermined in E/la and Did Not Pass in Math 1%	23077 Students Did Not Pass in Math 28%
Mathematics Undetermined	12 Students Pass + in E/la and Undetermined in Math 0%	214 Students Pass in E/la and Undetermined in Math 0%	455 Students Did Not Pass in E/la and Undetermined in Math 1%	964 Students Undetermined in E/la and Math 1%	1645 Students Undetermined in Math 2%
English/ language arts TOTALS	4962 Students Pass + in E/la 6%	48908 Students Pass in E/la 60%	25767 Students Did Not Pass in E/la 32%	1947 Students Undetermined in E/la 2%	Summary of Student Counts  Total Grade Count 81584 Students with Complete Tests 78956 Students with Undetermined Scores E/la Only 983 Math Only 681 Both 964

Summary of Scores	E/la	Math	English/language arts			Mathematics		
			Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass
Mean Scale Score	545.7	572.9	MSS: 675.0	MSS: 571.5	MSS: 471.8	MSS: 676.8	MSS: 590.2	MSS: 482.4
Pass Cut Score	521	541	SD: 31.6	SD: 31.8	SD: 44.7	SD: 30.0	SD: 28.2	SD: 58.7
Pass + Cut Score	643	644	L/H Obt: 643-795	L/H Obt: 521-642	L/H Obt: 195-520	L/H/Obt: 644-900	L/H/Obt: 541-643	L/H/Obt: 280-540
Standard Deviation	67.5	76.4	L/H Range: 643-795	L/H Range: 521-642	L/H Range: 195-520	L/H Range: 644-900	L/H Range: 541-643	L/H Range: 280-540
Lowest/Highest Scale Score Obtained	195-795	280-900	4962 Students	48908 Students	25767 Students	12800 Students	44062 Students	23077 Students
Lowest/Highest Scale Score Possible	195-795	280-900	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass

MSS: Mean Scale Score      SD: Standard Deviation      L/H Obt: Lowest/Highest Scale Score Obtained      L/H Range: Lowest/Highest Scale Score Range of Proficiency Level  
Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

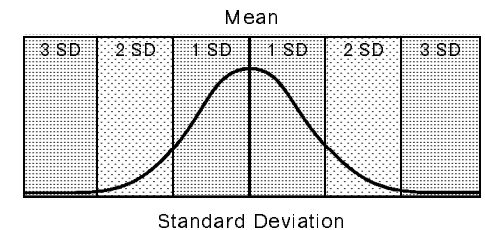
### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.



## State Proficiency Performance Summary

State: INDIANA

Grade: 10

**Purpose**  
This report provides the number and percent of students in each performance category.



Test Date: 09/18/07

	English/ language arts Pass +	English/ language arts Pass	English/ language arts Did Not Pass	English/ language arts Undetermined	Mathematics TOTALS
Mathematics Pass +	1561 Students Pass + in E/la and Math 2%	8480 Students Pass in E/la and Pass + in Math 11%	58 Students Did Not Pass in E/la and Pass + in Math 0%	19 Students Undetermined in E/la and Pass + in Math 0%	10118 Students Pass + in Math 13%
Mathematics Pass	463 Students Pass + in E/la and Pass in Math 1%	35055 Students Pass in E/la and Math 45%	6057 Students Did Not Pass in E/la and Pass in Math 8%	259 Students Undetermined in E/la and Pass in Math 0%	41834 Students Pass in Math 53%
Mathematics Did Not Pass	3 Students Pass + in E/la and Did Not Pass in Math 0%	6826 Students Pass in E/la and Did Not Pass in Math 9%	16535 Students Did Not Pass in E/la and Math 21%	714 Students Undetermined in E/la and Did Not Pass in Math 1%	24078 Students Did Not Pass in Math 31%
Mathematics Undetermined	5 Students Pass + in E/la and Undetermined in Math 0%	358 Students Pass in E/la and Undetermined in Math 0%	807 Students Did Not Pass in E/la and Undetermined in Math 1%	1382 Students Undetermined in E/la and Math 2%	2552 Students Undetermined in Math 3%
English/ language arts TOTALS	2032 Students Pass + in E/la 3%	50719 Students Pass in E/la 65%	23457 Students Did Not Pass in E/la 30%	2374 Students Undetermined in E/la 3%	Summary of Student Counts  Total Grade Count 78582 Students with Complete Tests 75038 Students with Undetermined Scores E/la Only 992 Math Only 1170 Both 1382

Summary of Scores	E/la		English/language arts			Mathematics		
			Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass
Mean Scale Score	571.5	610.6	MSS: 685.3	MSS: 593.4	MSS: 514.3	MSS: 716.4	MSS: 631.0	MSS: 530.8
Pass Cut Score	551	586	SD: 22.7	SD: 27.5	SD: 33.0	SD: 36.4	SD: 28.5	SD: 59.2
Pass + Cut Score	664	683	L/H Obt: 664-820	L/H Obt: 551-663	L/H Obt: 220-550	L/H/Obt: 683-920	L/H/Obt: 586-682	L/H/Obt: 300-585
Standard Deviation	50.2	73.6	L/H Range: 664-820	L/H Range: 551-663	L/H Range: 220-550	L/H Range: 683-920	L/H Range: 586-682	L/H Range: 300-585
Lowest/Highest Scale Score Obtained	220-820	300-920	2032 Students	50719 Students	23457 Students	10118 Students	41834 Students	24078 Students
Lowest/Highest Scale Score Possible	220-820	300-920	Pass +	Pass	Did Not Pass	Pass +	Pass	Did Not Pass

MSS: Mean Scale Score      SD: Standard Deviation      L/H Obt: Lowest/Highest Scale Score Obtained      L/H Range: Lowest/Highest Scale Score Range of Proficiency Level  
Subtotal numbers are rounded within each category. Adding subtotals may not result in exactly 100%.

## A Message from Dr. Suellen Reed

Dear Teachers and Administrators,

The *ISTEP* + assessment is one of the best tools available to us in our continued efforts to improve the education of Indiana's students. The reports which are distributed to teachers, principals, and corporation offices can be used to help identify students' strengths and weaknesses, and to measure their mastery of the Indiana Academic Standards. These results help the educational professionals determine how effectively their students are making progress toward meeting the high school graduation requirements.

The individual student reports provide information that helps parents understand their child's academic performance. The class, school, and corporation summary reports give teachers and administrators data that can help them evaluate their students' achievement and identify educational areas that may need emphasis. We thank you for your professional commitment to the improved education of our youth, and we encourage your continued support of the *ISTEP* + assessment.

Sincerely,



Suellen Reed  
Superintendent of Public Instruction

### INDIANA ACADEMIC STANDARDS (CRITERION-REFERENCED INFORMATION)

**Criterion-referenced Test:** A test that reports students' scores relative to a body of information thought to be important to learn (see Indiana Academic Standards).

**Indiana Academic Standards:** The Indiana Academic Standards define three categories of student achievement in English/language arts and mathematics (Pass +, Pass, and Did Not Pass). These levels were defined by the State Board of Education as follows:

Pass +	Meets the passing standard and demonstrates high achievement in the knowledge and skills of the content area.
Pass	Meets the passing standard.
Did Not Pass	Fails to meet the passing standard and in all likelihood will need remedial assistance.

**Indiana Scale Score:** Student achievement levels relative to the Indiana Academic Standards are reported by *ISTEP* + as scale scores in English/language arts and mathematics. These three-digit, equal-interval scores are expressed on unique scales by content area.

**Indiana Performance Index (IPI) Score:** A measure of a student's mastery of the skills tested in a specific content area as defined by the Indiana Academic Standards.

### SUMMARY INFORMATION

**Mean:** Perhaps the most often used "average," the mean is the arithmetic average of a group of scores. It is calculated by adding the scores and dividing the sum by the number of scores.

**Median:** The median is another often used "average." It is defined as the score below which half of the cases fall.

**Mean Scale Score:** The arithmetic average of the scale scores obtained by a group of students.

**Standard Deviation (SD):** A statistic that indicates the amount of variability in a group of scores. When scores are normally distributed (i.e., when they are part of a bell-shaped, "normal" curve), about two-thirds of the scores are within one SD above and below the average (mean) score and about 95% of the scores are within 2 SDs of the mean. In almost any shaped distribution, all scores will be within 5 SDs above or below the mean score.

